

FORM PTO-1390  
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

10537/330

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/581778**

INTERNATIONAL APPLICATION NO.

**PCT/DE2004/002516**

INTERNATIONAL FILING DATE

**13 November 2004**

PRIORITY DATE CLAIMED:

**4 December 2003**

TITLE OF INVENTION

**SOLDER ALLOY, USE OF THE SOLDER ALLOY AND METHOD FOR PROCESSING,  
PARTICULARLY REPAIRING, WORKPIECES, PARTICULARLY GAS TURBINE  
COMPONENTS**

APPLICANT(S) FOR DO/EO/US

**Barbara, HOPPE, Debashis MUKHERJI, Joachim, ROESLER, and Andreas VOSSBERG**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unsigned).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Marked-Up Version of the Substitute Specification, International Published Application with International Search Report, Written Opinion (translated), and Form PCT/RO/101.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
Not Yet Assigned <b>10/581778</b>		PCT/DE2004/002516		10537/330	
The following fees are submitted:					
21. <input checked="" type="checkbox"/> Basic National Fee .....		\$ 300.00			
300.00					
22. <input checked="" type="checkbox"/> Examination Fee					
—If International preliminary exam report prepared by USPTO and all claims satisfy provisions of PCT Article 33/(1)(4).....		\$ 0.00			
—All other situations.....		\$ 200.00		\$ 200.00	
23. <input checked="" type="checkbox"/> Search Fee					
—Search Fee (37-CFR 1.445(a)(2)) has been paid on the international application to the USPTO as ISA.....		\$ 100.00			
—International Search Report prepared and provided to the Office.....		\$ 400.00		\$ 400.00	
—All other situations.....		\$ 500.00			
<b>TOTAL OF (21), (22), &amp; (23) =</b>		<b>\$ 900.00</b>			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing on computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100	/50=		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	28 - 20 =	8	x \$50.00	\$ 400.00	
Independent Claims	5 - 3 =	2	x \$200.00	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1,700.00</b>			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>		<b>\$</b>			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 1,700.00</b>			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property.				\$	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 1,700.00</b>			
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.		Amount to be refunded:		\$	
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>11-0600</u> in the amount of <u>\$1,700.00</u> to cover the above fees. A duplicate of this sheet is enclosed.		Amount to be charged		\$ 1,700.00	
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>11-0600</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
KENYON & KENYON LLP		SIGNATURE <u>Cliff Ulrich</u>			
One Broadway		Clifford A. Ulrich (Reg. No. 42,194)			
New York, New York 10004		NAME <u>Cliff Ulrich</u>			
CUSTOMER NO. 26646		DATE <u>June 5, 2006</u>			